

DP-310,019

BRAKE TRANSMISSION SHIFT INTERLOCK ACTUATOR

Abstract of the Disclosure

A brake transmission shift interlock actuator includes a bobbin that
5 has an open end and a closed end. A plunger is slidably disposed within the
bobbin and a plunger rod extends from the plunger. Moreover, a primary plate is
installed within the open end of the bobbin. The plunger is movable between an
unlocked position, wherein the plunger rod does not extend through the primary
plate and a locked position, wherein a first end of the plunger rod extends through
10 a bore formed by the primary plate. Further, a magnetic force of attraction
between the plunger and the primary plate diminishes as the plunger approaches
the primary plate.